

ABSTRACT OF THE DISCLOSURE

A framework based Java naming and lifecycle services system includes a Moniker class which universally identifies an instance of any object model, whether the 5 instance exists or not. Moniker objects instantiated from the Moniker class operate with a set of directory service classes and object adapters to create a directory service framework and a mechanism for connecting the directory service framework to existing directory services. A set of runtime classes provide "in process" services for objects. For example, the Moniker class is automatically substituted for a client reference when 10 the underlying object instance is streamed or persisted. In accordance with one embodiment, life cycle services are provided by associating a predefined policy with each Moniker object, which policy specifies how and when life cycle services should be performed. Remote objects are then created or bound in accordance with these 15 policies which eliminates the need for the client to directly incorporate life cycle services code into its logic.